12231

SOUNDINGS IN FEET

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852.

CAUTION
CHANGES in BUOYAGE
Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red / green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

Formerly C&GS 555, 1st Ed., June 1954. (L-1954-843)

LIONS CHART (22283)
CONTINUED ON CHART 12230
LIONS CHART (22284)

76° 00' W
38° 00' N
38° 15' N
76°
59' 45"
30' 15"
53'

FISHING BAY
HOSKINS STRAIT
BLOODSWORTH ISLAND
Okahanikon Cove
Pitts Island Cove
Great Cove
Northeast Cove
DEAL ISLAND
Deal Island Marsh
Dames Quarter
Dames Quarter Marsh
Great Island Range
Wicomico River
Great Shoals
Chance
Dual Island
Lower Thoroughfare
Little Thoroughfare
Upper Thoroughfare
Deep Hollow Point
Deep Hollow Point Range
Deep Hollow Point Cut
Deep Hollow Point Cut Range
Deep Hollow Point Cut Channel
Deep Hollow Point Cut Channel Range
Deep Hollow Point Cut Channel Range Rear
Deep Hollow Point Cut Channel Range Front
Deep Hollow Point Cut Channel Range Rear Light
Deep Hollow Point Cut Channel Range Front Light

...ation are being changed to ... Association of Lighthouse ...ation changes are: black ...ged buoys to red and white ...ed to green as appropriate. ...e Defense Mapping Agency ...formers and the U.S. Coast

Formerly C&GS 550, 1st Ed., June 1964 G-1954-6AS

Nautical Chart Catalog No. 1, Panel D

LIGHTS CHART 12260

UNITED STATES — EAST COAST
MARYLAND – VIRGINIA

CHESAPEAKE BAY

TANGIER SOUND - NORTHERN PART

Mercator Projection
Scale 1:40,000 at Lat. 38°05'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

Nautical Miles
Yards

LOGARITHMIC SPEED SCALE

To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.444" northward and 1.232" eastward to agree with this chart.

CAUTION

Mariners are warned to stay clear of the protective riprap surrounding navigational light structures shown thus

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

NOAA VHF-FM WEATHER BROADCASTS

The National Weather Service stations listed below provide continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the transmitting site.

Salisbury, Md. KEC-52 162.475 MHz
Heathsville, Va. WXM-57 162.40 MHz

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 3 for important supplemental information.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

FLATCAP BASIN

Channel is marked by privately maintained daybeacons.

NOTE A

Navigation Regulations are published in Chapter 2, U.S. Coast Pilot 3. Additions or revisions to Chapter 2 information, concerning the regulations, is published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 5th Coast Guard District at Portsmouth, Virginia, or at the Office of the District Engineer, Corps of Engineers in Baltimore, Maryland.

Refer to charted regulation section numbers.

SMALL CRAFT WARNINGS

During the boating season small craft warnings will be displayed from sunrise to sunset on Maryland Marine Police Cruisers while underway in Maryland waters of the Chesapeake Bay and tributaries.

CAUTION

FISH TRAP AREAS AND STRUCTURES

Mariners are warned that numerous uncharted duck blinds and fishing structures, some submerged, may exist in the fish trap areas. Such structures are not charted unless known to be permanent.

Regulations to assure clear passage to and through dredged and natural channels and to established landings are prescribed by the Corps of Engineers in the Code of Federal Regulations.

Definite limits of fish trap areas have been established in some areas and those limits are shown thus

Where definite limits have been prescribed the location of fishing structures is restricted only by the regulations.

PLANE COORDINATE GRID

(based on NAD 1927)

The Maryland State Grid is indicated on this chart at 20,000 foot intervals thus
The last three digits are omitted.

HEIGHTS

Heights in feet above Mean High Water

AUTHORITIES

Hydrography and topography by the National Ocean Service, Charting and Geodetic Services, with additional data from the Corps of Engineers and U.S. Coast Guard.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

TIDAL INFORMATION

Place	Mean Range of Tide	Mean High Water	Mean Low Water	Tidal Datum
Ewell, Smith Island	2.8	1.7	0.1	3.5
Crisfield	2.8	1.7	0.1	3.5
Hooper Strait Light	2.6	1.7	0.1	3.5
Great Shoals Light	2.6	1.7	0.1	3.5
Monie Bay	2.6	2.4	0.1	3.5

(JRS)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1)

Aids to Navigation (lights are white unless otherwise indicated)

AERO aeronautical	(2) group	Mo morse code	R TR radio tower
Al alternating	Gp group	N nun	Rad radiating
Bn beacon	(2+1) interrupted quick	OBSC obscured	sec seconds
Bn (emission)	Iso isophased (6 sec)	Oc occulting	SEC sector
C can	L Fl LFB lighthouse	Or orange	St M statute miles
DIA diaphone	M nautical mile	Q quick	VQ very quick
F fixed	m minutes	R red	W white
F Fl flashing	MICRO TR microwave tower	Ra Ref radar reflector	Whis whistle
(rom chronometric)	Mo (A) morse code "A"	R Bn radio beacon	Y yellow

Mariner's Indian

Bk brown	Gy gray	Or orange	Pk pink	Wh white	
Bu blue	G green	Y yellow	P purple	V violet	

Obstructions

(PA) approximate	Ch obstruction	Dk dock	Obstr obstruction	PD position doubtful	Sub submerged
(AD) existence doubtful	Ex position approximate	Rep reported			
(PD) position doubtful	(rep) rep, obstruction, or shoal swept clear to the depth indicated				
(+) was this cover and uncover, with heights in feet above datum of soundings					

SOUNDINGS IN FEET

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

(Tangier Sound, Northern Part)
SOUNDINGS IN FEET - SCALE 1:40,000

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